



MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
DEMOLITION LANDFILL INSPECTION CHECK

Site: West Lake
ID # MBD07990932
Break: 17.8
Other: 6-14-90

Enf. file WMS
Rec'd 6-14-90

INSPECTION

#

I GENERAL INFORMATION

DATE OF INSPECTION <u>6-14-90</u>	DAYS/WEEK OPEN <u>5 1/2</u>	TIME OF ARRIVAL <u>9:30 AM</u>
WEATHER <u>Overcast, drizzles, winds SKAT</u>	TEMPERATURE <u>80's</u>	
FACILITY NAME <u>West Lake Demolition Landfill</u>	COUNTY <u>St. Louis</u>	PERMIT NUMBER <u>218912</u>
OWNER <u>Laidlaw Waste Systems Inc.</u>	TELEPHONE NUMBER <u>939-1919</u>	
ADDRESS <u>13520 4th Charles Rock Rd</u>	CITY <u>Bridgeton</u>	STATE <u>MO</u>
OPERATOR	ZIP CODE <u>63044</u>	TELEPHONE NUMBER
ADDRESS	CITY	STATE
		ZIP CODE

II REMAINING LIFE OF LANDFILL

A. Estimated quantity of waste accepted, 2000
yards or tons/week

B. Estimated life of remaining landfill,
14 - 3/4 years.

C. Fixed operating term date, _____

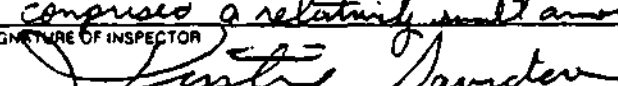
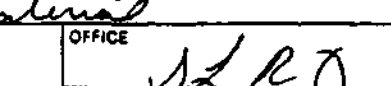
AREA SERVED

A. Cities:
Various Municipalities

B. Counties:
St. Louis, St. Charles

NOTE ► Check all subsections: SAT-Satisfactory or UNS-Unsatisfactory. If necessary, describe "UNS" violations under "Remarks."

	SAT	UNS
10 CSR 80-2.020 PERMIT ISSUANCE, SPECIAL OPERATING PERMITS AND PERMIT EXEMPTION		
(5)(E) SITE CONSTRUCTED AND OPERATED PER TERMS AND CONDITIONS OF PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10 CSR 80-2.060 CERTIFIED SOLID WASTE TECHNICIANS		
(2)(A) CERTIFIED SOLID WASTE TECHNICIAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10 CSR 80-4.010 DEMOLITION LANDFILL DESIGN AND OPERATION		
(2) SOLID WASTE ACCEPTED		
(2)(C) SOLID WASTES ACCEPTED DISPLAYED AT THE SITE ENTRANCE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3) SOLID WASTE EXCLUDED AND SPECIAL WASTE APPROVALS		
(3)(C)1. DISPOSAL OF SPECIAL WASTES APPROVED IN THE PERMIT IN ACCORDANCE WITH APPROVED PLANS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3)(C)2.A. WRITTEN APPROVAL FOR SPECIAL WASTE NOT APPROVED IN PERMIT.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3)(C)2.B. APPROVED SPECIAL WASTE DISPOSED OF PROPERLY.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3)(C)3. PROCEDURES FOR SCREENING AND REMOVAL OF EXCLUDED WASTES IMPLEMENTED.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(4) SITE SELECTION		
(4)(C)1. SITE ACCESSIBLE IN ALL WEATHER CONDITIONS. TEMPORARY ROADS PROVIDED TO WORKING FACE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(4)(C)2. IF ACCESS ROADS ARE FLOODED, ALTERNATE LANDFILL IS AVAILABLE. NAME:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(5) DESIGN		
(5)(C)1. CONSTRUCTION AND OPERATION OF THE SITE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(5)(C)2. MINIMUM 50-FOOT BUFFER ZONE MAINTAINED.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(5)(C)3. OPERATING MANUAL AVAILABLE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(6) SURVEY CONTROLS		
(6)(C)1. BOUNDARY MARKERS, BENCHMARKS, AND HORIZONTAL CONTROL STATIONS CLEARLY MARKED AND IDENTIFIED.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(6)(C)2. MISSING OR DISPLACED BENCHMARKS OR HORIZONTAL CONTROL STATIONS REESTABLISHED.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(6)(C)3. MISSING OR DISPLACED CONSTRUCTION STAKES REESTABLISHED.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(6)(C)4. MONUMENTS AND BOUNDARY MARKERS PLACED PRIOR TO RECEIVING AUTHORIZATION TO OPERATE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(6)(C)5. CONSTRUCTION STAKES MARKING THE ACTIVE AREA PLACED PRIOR TO DEPOSITION OF WASTE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(7) WATER QUALITY		
(7)(C)1. SURFACE WATERCOURSES & RUNOFF PROPERLY DIVERTED. CONSTRUCTION & GRADING TO PROMOTE RUNOFF WITHOUT EXCESSIVE EROSION.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(7)(C)2. CONTACT BETWEEN WATER AND SOLID WASTE MINIMIZED.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(7)(C)3. LEACHATE GENERATED ON-SITE CONTROLLED ON-SITE & NOT ALLOWED TO DISCHARGE OFF SITE OR INTO WATERS OF THE STATE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(8) GROUND-WATER MONITORING		
(8)(C)1.B. GROUND-WATER MONITORING WELLS OPERATIONAL PRIOR TO ACCEPTANCE OF WASTE.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(9) AIR QUALITY		
(9)(C) BURNING OF SOLID WASTE PROHIBITED UNLESS A BURNING PERMIT IS OBTAINED.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

		SAT	JNS
(10) GAS CONTROL			
(10)(C)1.	DECOMPOSITION GAS CONTROL SYSTEMS IMPLEMENTED AS NECESSARY.	✓	
(10)(C)2.A.	METHANE NOT ALLOWED TO CONCENTRATE IN BUILDINGS ON-SITE ABOVE 25 PERCENT LEL.	✓	
(10)(C)2.B.	METHANE NOT ALLOWED TO CONCENTRATE IN THE SOIL AT THE PROPERTY BOUNDARY ABOVE 5 PERCENT LEL.	✓	
(10)(C)3.	DECOMPOSITION GAS MONITORING RESULTS SUBMITTED TO THE DEPARTMENT AS REQUIRED.	✓	
(11) VECTORS			
(11)(C)	VECTOR CONTROL PROGRAMS IMPLEMENTED.	✓	
(12) AESTHETICS			
(12)(C)1.	LITTER CONTROL DEVICES USED AS NEEDED. LITTER COLLECTED AND INCORPORATED INTO THE ACTIVE CELL AT THE END OF EACH DAY OR PLACED IN CONTAINERS.	✓	
(12)(C)2.	WASTES EASILY MOVED BY WIND COVERED AS NECESSARY.	✓	
(12)(C)3.	ON-SITE VEGETATION CLEARED ONLY AS NECESSARY.	✓	
(12)(C)4.	SALVAGED MATERIALS REMOVED DAILY OR STORED IN AESTHETICALLY ACCEPTABLE CONTAINERS.	✓	
(13) COVER			
(13)(C)1.	TWELVE (12) INCHES COMPACTED SOIL COVER APPLIED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.	✓	
(13)(C)2.	FINAL COVER APPLIED TO COMPLETED AREAS.	✓	
(13)(C)3.	FINAL SIDE SLOPES NOT TO EXCEED 33.3 PERCENT.	✓	
(13)(C)4.	VEGETATION ESTABLISHED WITHIN 180 DAYS OF APPLICATION OR REGRADING OF COVER.	✓	
(13)(C)5.	REGRADING AND RECOVERING AS NECESSARY.	✓	
(14) COMPACTION			
(14)(C)1.	SOLID WASTE HANDLING EQUIPMENT ON-SITE AND OPERATED AS NECESSARY.	✓	
(14)(C)1.A.	SOLID WASTE TO BE SPREAD IN LAYERS NO MORE THAN TWO FEET THICK, & CONFINED TO SMALLEST PRACTICAL AREA.	✓	
(14)(C)1.B.	WASTE COMPACTED TO SMALLEST PRACTICAL VOLUME.	✓	
(14)(C)1.C.	COVER COMPACTED AS MUCH AS PRACTICAL.	✓	
(14)(C)2.	SOLID WASTE SPREAD & COMPACTED AT LEAST WHEN THE ACCUMULATED WASTE REACHES 200 CUBIC YARDS.	✓	
(14)(C)3.	PREVENTIVE MAINTENANCE PERFORMED ON EQUIPMENT.	✓	
(14)(C)4.	SOLID WASTE NOT DISPOSED OF IN WATER.	✓	
(15) SAFETY			
(15)(C)1.	FIRE EXTINGUISHERS PROVIDED.	✓	
(15)(C)2.	ALL FIRES IN WASTES BEING DELIVERED, AT THE WORKING FACE OR WITHIN EQUIPMENT EXTINGUISHED.	✓	
(15)(C)3.	SCAVENGING PROHIBITED.	✓	
(15)(C)4.	CONTROLLED ACCESS TO SITE BY ESTABLISHED ROADWAYS & LIMITED TO HOURS WHEN OPERATING PERSONNEL ARE ON DUTY.	✓	
(15)(C)5.	TRAFFIC CONTROLLED AND DIRECTED TO DESIGNATED DISPOSING POINTS.	✓	
(15)(C)6.	SITE DUST CONTROLLED.	✓	
(16) RECORDS			
(16)(C)1.A.	RECORDS OF MAJOR PROBLEMS AND COMPLAINTS.	✓	
(16)(C)1.B.	RECORDS OF DATES OF COVER MATERIAL APPLICATION.	✓	
(16)(C)1.C.	RECORDS OF QUALITATIVE AND QUANTITATIVE EVALUATION OF THE ENVIRONMENTAL IMPACT OF THE LANDFILL.	✓	
(16)(C)1.D.	RECORDS OF VECTOR CONTROL EFFORTS.	✓	
(16)(C)1.E.	RECORDS OF DUST AND LITTER CONTROL EFFORTS.	✓	
(16)(C)1.F.	RECORDS OF QUANTITY OF WASTE RECEIVED.	✓	
(16)(C)1.G.	RECORDS OF QUANTITY OF WASTE HANDLED. TOPOGRAPHIC MAP SUBMITTED EVERY FIVE YEARS.	✓	
(16)(C)1.H.	RECORDS OF DESCRIPTION, SOURCES, AND VOLUME OF SPECIAL WASTES LISTED IN SUBSECTION (3)(A).	✓	
OTHER DESIGN SPECIFICATIONS			
(7)(C)3.	LEACHATE COLLECTION SYSTEM PROPERLY INSTALLED AND OPERATED.	✓	
(7)(C)4.	LINER CONSTRUCTED BY APPROVED DESIGN.	✓	
(8)(C)1.A.	GROUND-WATER MONITORING WELLS INSTALLED.	✓	
(13)(C)6.	BORROW AREAS RECLAIMED.	✓	
REMARKS			
<p>Now on west face. Some exposed waste on previously covered areas need to be recovered or reburied, especially tires on west end.</p> <p>Maintain warning bands for excluded wastes - observed one band of primarily paint & roofing compound containers (empty) but only comprised a relatively small amount of material.</p>			
SIGNATURE OF INSPECTOR		OFFICE	
			



MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
SOLID WASTE AND RECOVERED MATERIALS DATA SHEET

NAME OF FACILITY <i>Westlake Demolition Landfill</i>		PERMIT NUMBER <i>918912</i>	
DATE <i>6-14-90</i>	REGIONAL OFFICE <i>2116</i>	INSPECTOR <i>Tom Anderson</i>	
TIPPING FEES			
CUBIC YARD <i>\$ 10.00</i>	PICKUP LOAD <i>\$ 20.00 - 30.00</i>	WHITE GOODS <i>NA</i>	
TON	CAR LOAD <i>\$ 20.00</i>	TIRES <i>NA</i>	
APPLICABLE *	TYPE OF MATERIAL RECOVERED	AMOUNT RECOVERED/MONTH CUBIC YARDS OR TONS	AMOUNT RECYCLED/MONTH CUBIC YARDS OR TONS
<i>NA</i>	ALUMINUM Cans Scrap		
	OTHER METAL Ferrous Non-Ferrous		
	PAPER Newspaper Corrugated Computer/White Mixed		
	GLASS Clear Mixed		
	PLASTIC Milk Jugs Soda Bottles Mixed		
	CAR BATTERIES		
	TIRES		
	WHITE GOODS		
	COMPOST FROM YARD WASTE		
	COMPOST FROM SOLID WASTE		
NOTE ► * CHECK IF APPLICABLE PRINT "N/A" IF NOT APPLICABLE			